WHAT IS CLAIMED IS:

- 1. A method of continuously manufacturing a patterned conductive layer comprising the steps of:
 - a) providing a linearly moving substrate;
- b) coating a dispersion containing conductive nano-materials onto a surface of the linearly moving substrate;
- c) drying the coated dispersion wherein the nano-materials self-align into a conductive layer;
- d) coating a protective layer of radiation-curable material over the nanomaterials coated on the linearly moving substrate;
- e) exposing the protective layer coating to patterned radiation and curing the exposed pattern in the protective layer; and
- f) removing uncured sections of the protective layer and the underlying sections of the conductive layer to form a patterned conductive layer.
- 2. The method claimed in claim 1, wherein the conductive nanomaterials are nano-wires.
- 3. The method claimed in claim 1, wherein the conductive nanomaterials are carbon nano-tubes.
- 4. The method claimed in claim 1, wherein the radiation-curable material is a polymer.
- 5. The method claimed in claim 1, wherein the radiation-curable material is a photo-resist.
- 6. The method claimed in claim 1, wherein the radiation is ultraviolet radiation.

- 7. The method claimed in claim 1, wherein the substrate is a flatpanel display substrate.
- 8. The method claimed in claim 1, wherein the substrate is a touchscreen substrate.
- 9. The method claimed in claim 1, further comprising coating and drying a plurality of nano-material coatings before the protective layer is coated.
- 10. The method claimed in claim 1, further comprising coating a second protective layer over the patterned protective layer to planarize the surface.
- 11. The method claimed in claim 10, further comprising coating and patterning a second nano-material conductive layer on the planarized surface.
- 12. The method claimed in claim 1, further comprising coating and patterning a second nano-material conductive layer on the patterned conductive layer.
- 13. The method claimed in claim 1, wherein the patterned conductive layer is transparent.
- 14. The method claimed in claim 1, wherein the patterned conductive layer is opaque.
- 15. The method claimed in claim 1, wherein the patterned conductive layer is reflective.
- 16. The method claimed in claim 1, wherein the nano-materials are sprayed, slot or curtain coated.

- 17. The method claimed in claim 1, wherein the substrate is a continuous flexible substrate.
- 18. The method claimed in claim 1, wherein the substrate is a discontinuous substrate provided on a continuous moving belt.
- 19. The method claimed in claim 1, wherein the protective layer is exposed to patterned radiation through a mask.
- 20. The method claimed in claim 19, wherein the source of radiation is stationary.
- 21. The method claimed in claim 20, wherein the mask is stationary.
- 22. The method claimed in claim 19, wherein the mask and substrate move together during exposure.
- 23. The method claimed in claim 22, wherein the mask, source of radiation and substrate move together during exposure.
- 24. The method claimed in claim 1, wherein the protective layer is colored.
- 25. The method claimed in claim 1, wherein the protective layer is light-transparent.
- 26. A patterned conductor comprising a patterned nano-material conductive layer and a correspondingly patterned protective layer thereon.

- 27. The patterned conductor claimed in claim 26, wherein the patterned protective layer comprises ultra-violet radiation absorptive material.
- 28. The patterned conductor claimed in claim 26, wherein the patterned protective layer comprises cured polymeric resin binder.
- 29. The patterned conductor claimed in claim 26, wherein the patterned protective layer is transparent.
- 30. The patterned conductor claimed in claim 26, wherein the patterned protective layer is colored.